

Version with Markings to Show Changes Made

Please amend the specification as follows:

Page 13, paragraph starting on line 22:

Referring to FIG. 1, a preferred embodiment of the present invention 10 contains a flow tube 100, a by-pass 200, and a dechlorination agent reservoir 300. The flow tube 100 comprises a flow pipe 110, an inlet coupling 120, and an outlet coupling 130. The flow pipe 110 further comprises an inlet opening 112 and an outlet opening 116. The by-pass 200 comprises an inlet tube 202, a reservoir connecting or mounting tube 204, an outlet tube 206, and an injection rate control valve 210. Inlet tube 202 and outlet tube 206 are each affixed in the flow pipe 110, in any suitable manner. The inlet tube 202 further comprises an inlet diverter 201. The outlet tube 204 further comprises an outlet converter 207. While valve 210 is shown on outlet tube 206, it could be located anywhere in by-pass 200 or the reservoir 300, such as on tubes 202 or 204. Multiple valves may also be used along the by-pass. The dechlorinating reservoir 300 comprises an untreated fluid inlet 310, an inflow directing tube 320, an agent mixing chamber 324, an access cap 325, and a treated fluid outlet 330. The treated fluid outlet may further comprise a screen 326, although a screen is not required in the preferred embodiment of the present invention because the inflow directing tube allows the agent to mix thoroughly with the fluid without "caking" at the bottom of the tank.

Page 14, paragraph starting on line 20:

Although the inlet and outlet tubes 202, 206 of the by-pass 200 are shown in FIG. 1 as being on opposite sides of the fluid flow and positioned at approximately a forty-five degree angle to the fluid flow, with the inlet tube 202 being angled toward the direction of the fluid flow and the outlet tube 206 being angled away from the fluid flow, as is preferred, the by-pass 200 may be

of any design. Further, the inlet and outlet tubes 202, 206 may be positioned anywhere along the flow tube 100 and at any angle relative to the fluid flow, such as the example shown in FIG. 2. In addition, the inlet tube diverter 201 and outlet tube converter 207 may be of any design. As illustrated in FIG. 1, the inlet tube diverter 201 and outlet tube converter 207 have angled ends set perpendicular to the fluid flow with their inlets in the angled ends. As illustrated in FIG. 2, the inlet tube diverter 201 and outlet tube converter 207 have straight ends set perpendicular to the fluid flow with their inlets in the side of the inlet and outlet tubes 202, 206. Similarly, the dechlorinating agent reservoir 300 and its untreated fluid inlet 310, treatment cylinder 320, access cap 325, and treated fluid outlet 330 may be of any design or shape and may be positioned anywhere, as illustrated by the various designs and positions in FIGS. 1, 3 and 4.

Page 16, paragraph starting on line 13:

Referring to FIG. 4, the dechlorination agent reservoir 300a comprises an untreated fluid inlet 310a, a treatment cylinder 320a, an access cap 325a, and a treated fluid outlet 330a. The treatment cylinder 320a further comprises an outlet cylinder 322a, an agent mixing chamber 324a, and a screen 326a.

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The agent mixing chamber 324 or 324a is preferably removable and replaceable from the dechlorination device through the access cap 325 or 325a, and may be removed without removing the dechlorination device from the fluid flow path. The dechlorinating agent may be any liquid soluble including tablets, powder or as may be preferred by the user.

Please amend claims 1, 3, 4, and 8.

Below is a list of all claims with status identifiers.

Claim 1 (Currently amended) A method of dechlorinating fluid, comprising the steps of:

connecting a by-pass integrated dechlorination device to a fluid flow source;
flowing fluid through said [a] dechlorination device along a flow path;
diverting a portion of said fluid through a bypass in the dechlorination device;
exposing said proportion of said fluid to a dechlorination agent in the bypass; and
merging said proportion of said fluid back into said fluid flow path.

Claim 2 (Original) The method of Claim 1, further comprising the steps of:

controlling the amount of fluid diverted through said bypass via a valve.

Claim 3 (Currently amended) The method of Claim 1, wherein said dechlorination agent is contained in a removable [reservoir in the bypass] agent mixing chamber.

Claim 4 (Currently amended) The method of Claim 3, wherein said removable [reservoir] agent mixing chamber is removable from said dechlorination device without removing said dechlorination device from said fluid flow path.

Claim 5 (Original) A device for dechlorinating fluid, comprising:

a flow tube;

a bypass in fluid communication with said flow tube, wherein said bypass diverts a proportion of said fluid from said flow tube to said bypass; and

a dechlorination agent reservoir in said bypass.

Claim 6 (Original) The device of Claim 5, further comprising:

a control valve, said control valve regulating the proportion of said fluid entering said bypass.

Claim 7. (Original) The device of Claim 5, wherein said dechlorination agent reservoir further comprises an agent mixing chamber.

Claim 8 (Currently amended) The device of Claim 7, wherein said [dechlorination agent reservoir] agent mixing chamber is selectively removable from said dechlorination device without removing said dechlorination device from said fluid path.

Claim 9 (Original) The device of Claim 7, wherein said agent mixing chamber further comprises a dechlorination agent.

Claim 10 (Original) The device of Claim 6, wherein said control valve controls the amount of said dechlorination agent added to said fluid.

Claim 11 (Original) The device of Claim 5, wherein said by-pass further comprises:
an inlet tube; and
an outlet tube.

Claim 12 (Original) The device of Claim 11, wherein said inlet tube is angled toward the direction of fluid flow through said flow tube.

Claim 13 (Original) The device of Claim 11, wherein said outlet tube is angled away from the direction of fluid flow through said flow tube.

Claim 14 (Original) The device of Claim 11, wherein said inlet tube further comprises an inlet diverter and wherein said outlet tube further comprises an outlet converter.

Claim 15 (Original) The device of Claim 11, wherein said inlet tube and said outlet tube are positioned on the same side of said flow tube.

Claim 16 (Original) The device of Claim 11, wherein said inlet tube and said outlet tube are

positioned on opposite sides of said flow tube.

Claim 17 (Original) The device of Claim 11, further comprising:

a first dechlorinating agent connecting tube; and

a second dechlorinating agent connecting tube, wherein said first dechlorinating agent connecting tube connects said inlet tube to said dechlorinating agent reservoir and wherein said second dechlorinating agent connecting tube connects said outlet tube to said dechlorinating agent reservoir.

Claim 18 (Original) The device of Claim 17, wherein said first and second dechlorinating agent connecting tubes are made of soft flexible tubing.

Claim 19 (Original) The device of Claim 17, wherein said first and second dechlorinating agent connecting tubes are made of hard piping and are mounted to said dechlorinating agent reservoir.

Conclusion

In view of the forgoing amendments and remarks, the Applicant respectfully submits that all the Claims are now in a condition for immediate allowance. An early notice of allowance is respectfully requested.

Any arguments of the Examiner not specifically addressed herein should not be deemed admitted, conceded, waived, nor acquiesced by Applicant. The other prior art of record is noted but not specifically responded to since it is not cited against Applicant's claimed invention.

A postcard is enclosed evidencing receipt of this Amendment.

Respectfully submitted,



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Reg. No. 48,397